

## SEPTEMBER 2000 AND 2005 HEAT WAVES

The 1st 5 days of September 2000 were definitely extreme temperatures not only for early September, also for any 5 day period. The average high and low for this 5 day period follows: Austin Mabry - 108.8 and 78.2; Austin Bergstrom 108.2 and 72.0; Del Rio 106.2 and 76.4; and San Antonio 106.0 and 76.6.

**On September 5th, 2000, ALL-TIME RECORD HIGHS** for Austin and San Antonio were established. At 208 pm the high reached **112** at Austin Mabry. At Austin Bergstrom International Airport the high reached **112** at 220 pm, and 341 pm. At San Antonio International Airport the high reached **111** at 345 pm. At Del Rio International Airport the high was **109** at 459 pm, 540 pm, and 640 pm, 3 degrees lower than the All Time High at Del Rio of 112, set June 9, 1988.

**At Austin Mabry the September 5th high of 112** is an **ALL-TIME RECORD HIGH** of climate record. At Austin Mabry, the previous record high of 110 occurred September 4th, 2000. The All Time High before Year 2000 of 109 for the Austin City Climate location came twice. The first was August 18, 1923, when climate records for Austin were made at the Engineering Building at the University of Texas. The second time it was 109 was July 26, 1954 from National Weather Service Records at Austin Robert Mueller Airport.

**At Austin Bergstrom International Airport the September 5th high of 112** is an **ALL-TIME RECORD HIGH** of climate record. The previous record high of 110 was September 4th, 2000. The All Time High before Year 2000 was on Sunday, June 14th, 1998. Before 1998, the All Time High was 107 on August 10, 1953 from U.S. Air Force Records at Bergstrom AFB.

**At San Antonio International Airport the September 5th high of 111** is an **ALL-TIME RECORD HIGH** of climate record. The previous record high of 109 was September 4th, 2000. The All Time High before Year 2000 for San Antonio was 108 on August 19, 1986. Before 1986, the All Time High for San Antonio was 107 on August 20, 1909, when climate records were at the Weather Bureau Office in downtown San Antonio.

**At Del Rio International Airport**, a record for the month of September was set 3 days in a row during the month of September 2000. On September 6, 2000 **A SEPTEMBER HIGH OF 110** occurred at Del Rio International Airport. Before Year 2000 the September high was on September 1, 1952 when the high was 106.

The September 5th, 2000 highs of **112** for Austin...and **111** for San Antonio, plus the September 6th high of **110** at Del Rio are all records not only for September, they are also records for being so hot so late in the year.

On September 6th, 2000, the highs at Austin and San Antonio were not as high as on the 5th. At 431 pm the high at Austin Bergstrom International Airport was 100 tying the record daily high for September 6th set in 1990. At Austin Mabry the high was 99 at 411 pm. At 337 pm the high in San Antonio was 102 tying the daily record high for September 6th set in 1908.

**Daytime highs for September 6th, 2000** over parts of Central and South Central Texas included the following: Austin Mabry 99; Austin Bergstrom 100; San Antonio 102; Del Rio 110; Burnet 97; Georgetown 97; San Marcos 99; New Braunfels 101; San Antonio Stinson Field 102; Randolph AFB 99; Kelly AFB 100; Hondo 106; Laughlin AFB 113; and Junction 100.

**Daytime highs for September 5th, 2000** over parts of Central and South Central Texas included the following: Austin Mabry 112; Austin Bergstrom 112; San Antonio 111; Del Rio 109; Burnet 109; Georgetown 109; San Marcos 109; New Braunfels 112; San Antonio Stinson Field 112; Randolph AFB 111; Kelly AFB 112; Hondo 112; Laughlin AFB 115; and Junction 107. Highs at locations near South Central Texas on the 5th included the following: San Angelo 106; Waco 108; College Station 111; Victoria 111; Corpus Christi 109; Cotulla 112; Laredo 111; and Dryden 105.

**Daytime highs for September 4th, 2000** over parts of Central and South Central Texas included the following: Austin Mabry 110; Austin Bergstrom 110; San Antonio 109; Del Rio 107; Burnet 107; Georgetown 109; San Marcos 109; New Braunfels 110; San Antonio Stinson Field 109; Randolph AFB 108; Kelly AFB 108; Hondo 108; Laughlin AFB 109; and Junction 104.

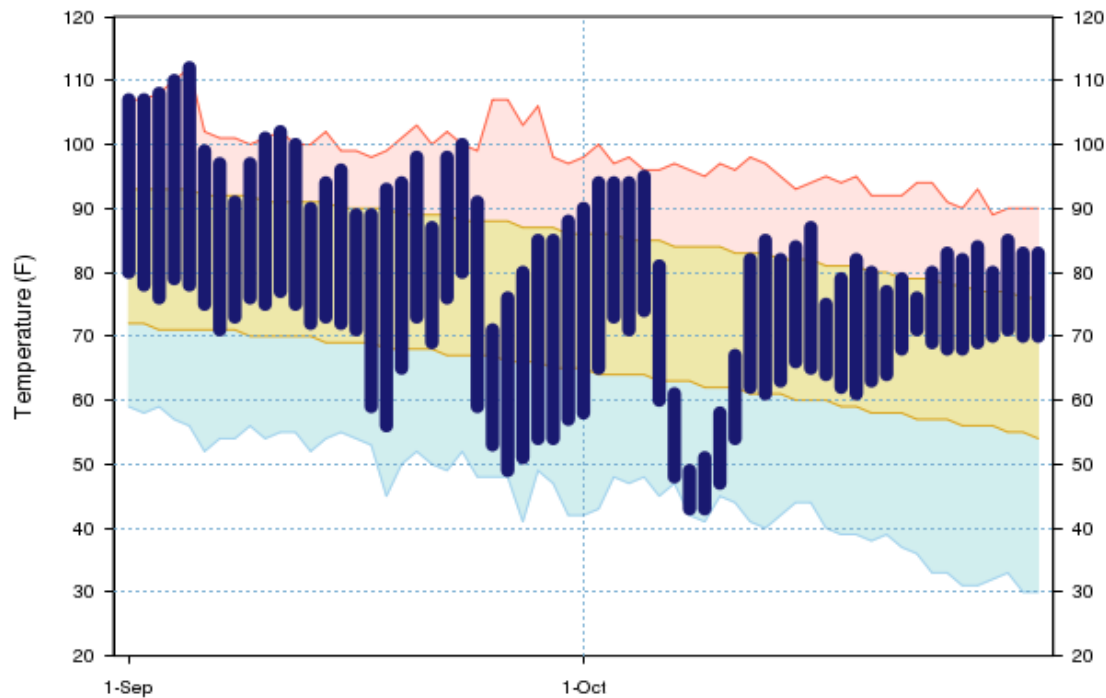
**Hot daytime highs for late September came five years later in late September 2005.** Another heat wave came from September 24th to the 28th, 2005. During this time, the hottest daytime highs for the Fall Season were observed. The hottest days were September 25th and 26th. The highs on September 25th, 2005 were as follows: 108 at Austin Bergstrom; 107 at Austin Mabry; 107 at Del Rio; and 105 at San Antonio. In addition the highs on September 25th, 2005 were the hottest days for 2005, exceeding the highs from July of that year. Record highs were again observed September 26th, 2005 with the high of 107 at Austin Mabry and Austin Bergstrom; 106 at Del Rio; and 103 at San Antonio.

Highs on September 27th, 2005 broke the daily record high at Del Rio and San Antonio, and tied the daily record for September 27th at Austin Mabry. The highs September 27th, 2005 were as follows: Austin Mabry 103; Austin Bergstrom 104; Del Rio 104; and San Antonio 102. On the 28th record daily highs were observed at Austin Mabry; Austin Bergstrom; Del Rio; and San Antonio. The highs on September 28th were as follows: Austin Mabry 106; Austin Bergstrom 105; Del Rio 104; and San Antonio 104.

Usually record breaking hot temperatures of this magnitude, since the late 19th century, occurred in June, July, and August, and not in September. The heat waves of early September 2000 and late September 2005 were significant for the month of September.

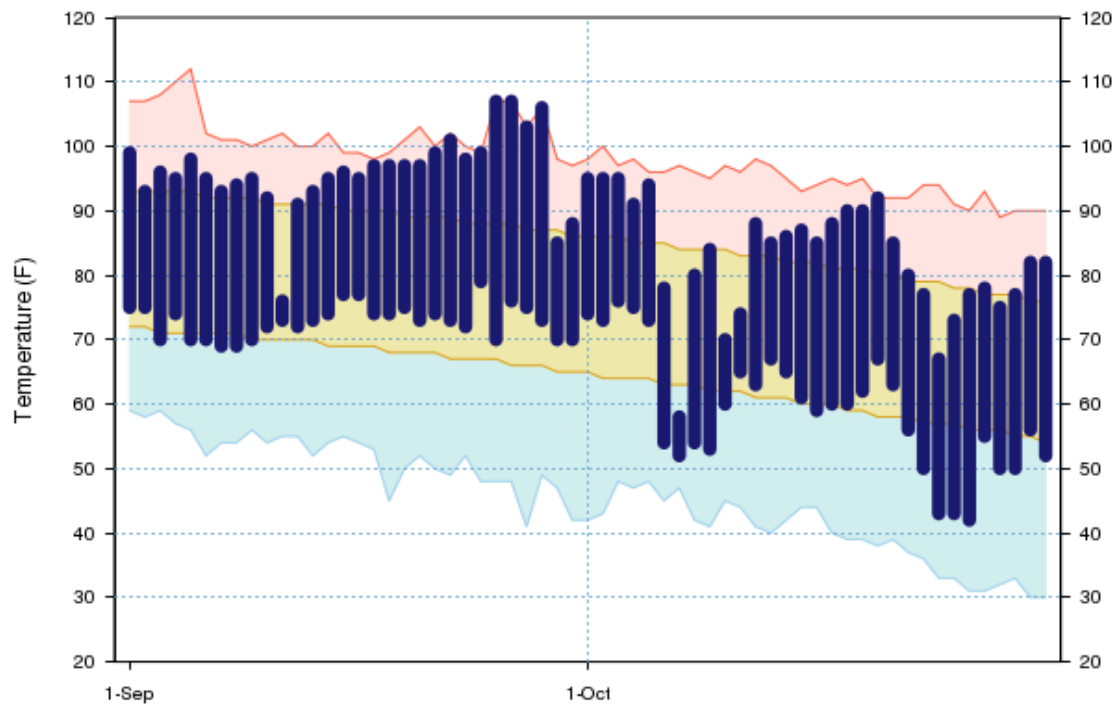
The charts below show the highs and lows from September through October in Year 2000 and Year 2005.

### Temperature Summary for Austin Area Sep 1, 2000 - Oct 31, 2000



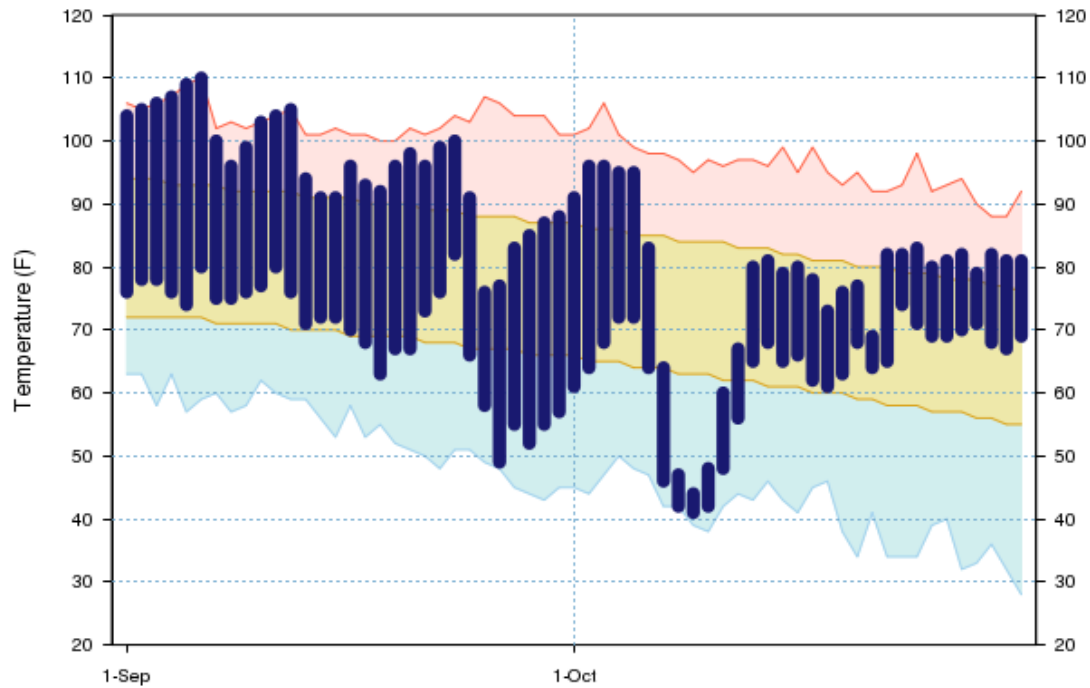
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

### Temperature Summary for Austin Area Sep 1, 2005 - Oct 31, 2005



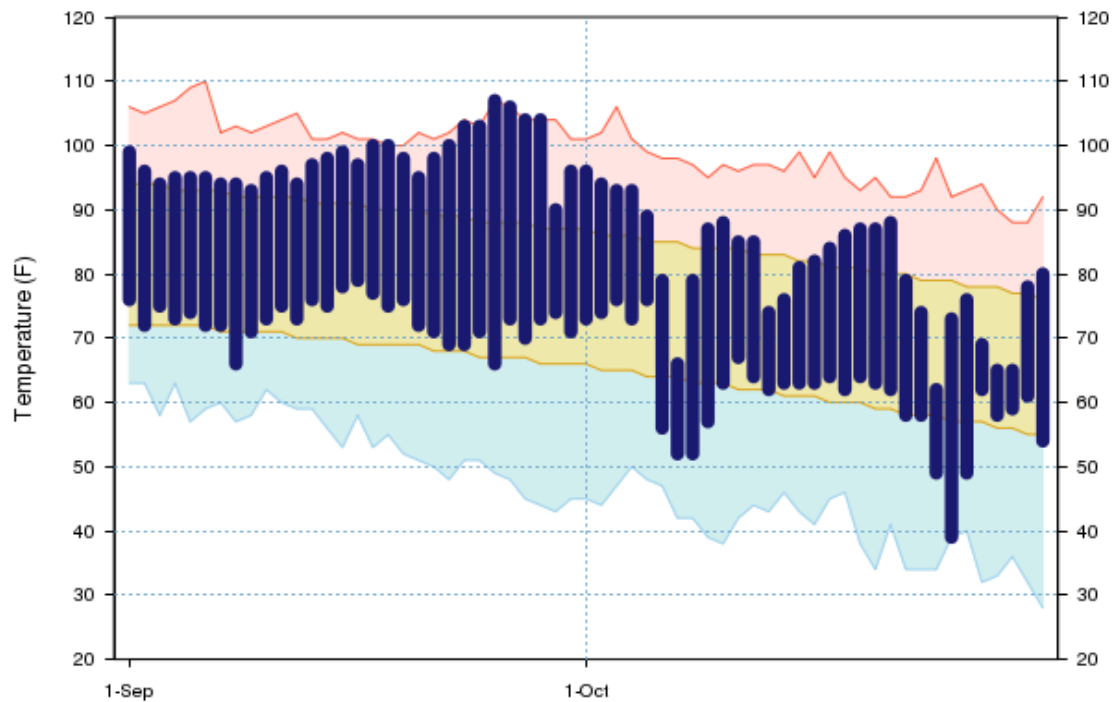
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

### Temperature Summary for Del Rio Area Sep 1, 2000 - Oct 31, 2000



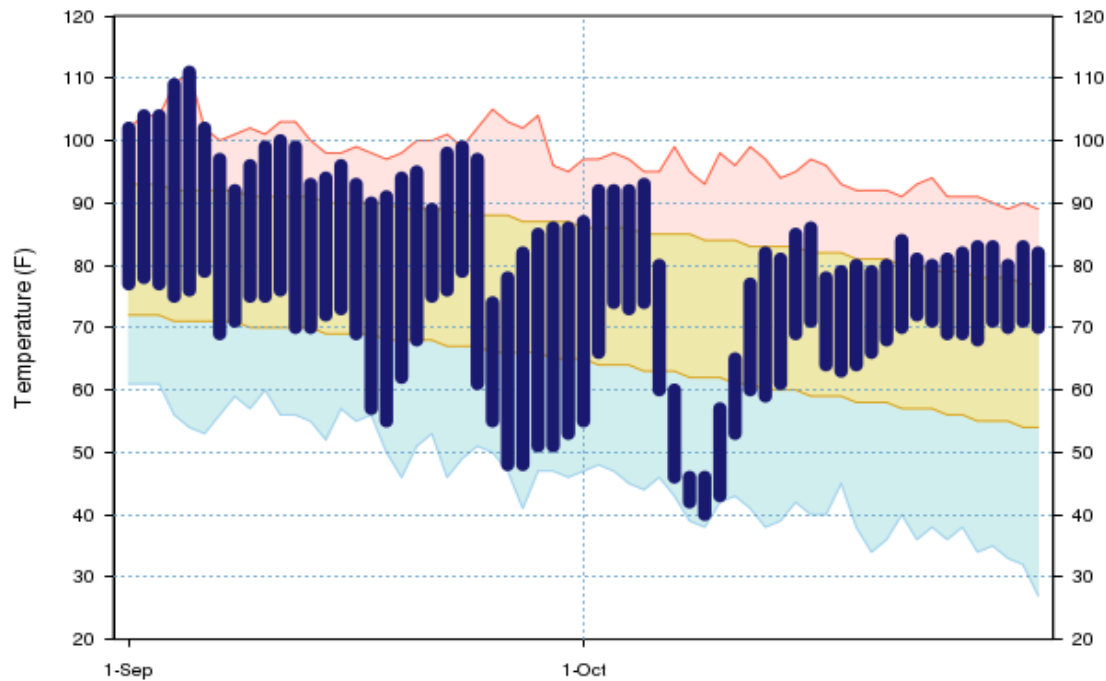
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

### Temperature Summary for Del Rio Area Sep 1, 2005 - Oct 31, 2005



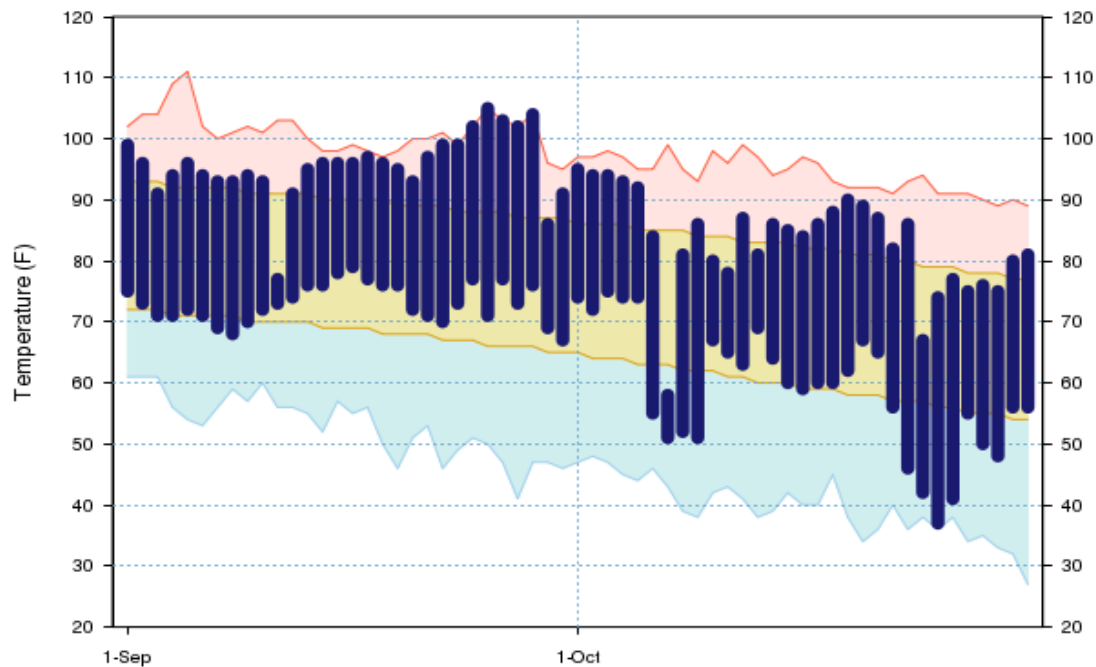
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

### Temperature Summary for San Antonio Area Sep 1, 2000 - Oct 31, 2000



Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

### Temperature Summary for San Antonio Area Sep 1, 2005 - Oct 31, 2005



Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

